	Solar Trash Compactor Evaluation Cost of Operation Today							Attach 7
	Unit of							
	Measure	Rate	Hi-Season	Cycle Cost	Off Season	Cycle Cost		
Personnel								
Equip Oper III	1	\$ 33.07	1	\$ 264.56	1	\$ 132.28	Rate times hours	
Maint Worker I	1	\$ 28.55	1	\$ 228.40	1	\$ 114.20	Hourly rates calculated using midpoint of range	
Hours	1		8		4			
Days	1		7		3			
Trips per Cycle			3		1			
Miles per Cycle			30		15			
Fuel per Cycle	Gallon	\$ 3.50	2 gal	\$ 7.00	1 gal	\$ 3.50	Rate times usage	
Roll-off container	1		22	\$ 30.94	4		Rate X number needed divided by cycles in the period of duration	
Waste Tonnage cost	Ton	\$ 56.00	66		12		Rate X tons divded by # of cycles (each roll-off holds 3 tons)	
Season duration			20 weeks		32 weeks			
Extra Cycles	as required		15		2			
Total Cycles	<u> </u>		155		77			
Cost per cycle				\$ 557.30		\$ 270.26	Sum of elements per cy	cle
Total Cost	\$ 86,381.80			ı	\$ 20,810.38	Cost per cycle times number of cycles		
Other cost factors	Unit	Useful	Annual					
	Cost	Life	Cost					
Trash Containers		ļ.,						
55 gal Barrels		4	•					
20 gallon decorative	\$ 500.00	7	\$ 71.43					
48 gal decorative	\$ 750.00	7	\$ 107.14					
Solar trash & recycle	\$ 9,000.00	15	\$ 600.00					
Roll-off for recycles	\$150.00			Recyclables p	picked up with	nout tonnage	charge	
Savings Potential								
Tonnage	By our test about 50% of our current waste will be recycled 38 tons @						\$ 2,128.00	
Roll-off	If our tonnage is half we only need half the roll-off capacity 13 @ 21						\$ 2,834.00	
Roll-off	We will need a corresponding number of roll-offs for recycling 150 x 1						\$ (1,950.00	
Extra cycles	We can eliminate the extra cycles needed \$557.30 x 15 + \$270.26 x					.26 x 2=	\$ 8,900.00	
Hi season cycles	Full cycles reduced by 20% 140 cycles x .2 x cost per cycle=						\$ 15,604.00	
Off season	Reduce cycles by 50%75 x .5 x cost per cycle=						\$ 10,135.00	
							\$ 37,651.00	